

### Abstract Of The Disclosure

A method for manufacturing a composite component, a brake disk in particular, and a metal-ceramic component are described. In the method, a porous ceramic blank is produced and infiltrated with a metal melt. An alloy of copper and at least one additional metal is used as  
5 the metal melt for infiltration, the additional metal being converted by at least one reactive component of the blank in such a way that a pore space of a ceramic phase is filled essentially with pure copper.